

CLAIMS

What is claimed is:

1. A method for executing a notification process within a healthcare system
5 comprising the steps of:

generating a signal that a notification condition exists for a specific patient;
transmitting the signal relating to the notification condition to a first clinician's device;
indicating the notification condition on the clinician's device; and,
operating a timer.

10 2. The method of claim 1, further comprising the step of transmitting the signal to a second clinician's device if a response to the notification condition is not received prior to a predefined timer limit.

3. The method of claim 1, further comprising the step of transmitting the signal relating to the notification condition to a charge clinician.

15 4. The method of claim 2, wherein the step of transmitting the signal to the second clinician's device is executed when the timer elapses.

5. The method of claim 1, wherein the step of transmitting the signal relating to the notification condition to the first clinician's device comprises transmitting a wireless notification condition signal to the first clinician's device.

20 6. The method of claim 1, wherein the step of transmitting the signal relating to the notification condition to the second clinician's device comprises transmitting a wireless notification condition signal to the second clinician's device.

7. The method of claim 1, wherein there is a many-to-many relationship between first clinicians and patients.

25 8. The method of claim 1, wherein there is a many-to-many relationship between first clinicians and charge clinicians.

9. The method of claim 1, wherein the step of transmitting the signal comprises sending the signal to one of a PDA, a mobile phone, a pager, an e-mail address, an instant messaging receiver or a conventional telephone.

30 10. The method of claim 1, wherein the step of transmitting the signal to the first clinician's device comprises sending the signal simultaneously to at least two of a mobile phone, a pager, an e-mail address, an instant messaging receiver or a conventional telephone.

11. A system for providing messages to remote clinician devices in a healthcare system comprising:

a first central computer attached to a network;

a remote device associated with the clinician and operably attached to the network, the remote device comprising a visual display;

a request generated by the remote device and received by the first central computer;

5 a response message generated by the first central computer; and,

wherein the response message generated by the first central computer is provided in a humanly readable format on the visual display of the remote device.

12. The system of claim 11, further comprising:

10 a second computer attached, via a communication link, to the first central computer at least partially located within a health care facility, wherein the request generated by the remote device is received by the first central computer and the second central computer, wherein a response message is generated by the second central computer in response to the request generated by the remote device, and wherein the response message generated by the first central computer comprises the response message provided by the second central computer and
15 additional data added by the first central computer.

13. The system of claim 12, wherein said remote device further comprising a browser responsive to the response message generated by the first central computer.

14. The system of claim 12, wherein the remote device receives a second response message generated by the second central computer in response to a second request generated by
20 the terminal device, wherein the second response message and the second request are routed through the first central computer.

15. A system for providing messages to remote clinician devices in a healthcare system, comprising:

25 a request message generated substantially within a time interval by a program within a software application executed by a clinician device, and a response message generated by a first computer in response to the request message.

16. The system of claim 15, wherein the response message comprises information contained within a data packet generated by a medical device, and wherein the information is modified in response to a change in the information contained within another data packet
30 generated by the medical device.

17. The system of claim 16, wherein the program is written in JAVA.

18. The system of claim 16, wherein the program is written in C#.

19. The system of claim 16, wherein the program is written in Visual Basic Script.

20. The system of claim 15, wherein the software application is a Web browser.

21. The system of claim 15, wherein the clinician device is attached to a network within a healthcare facility.
22. The system of claim 16, wherein the medical device is an infusion pump.
23. The system of claim 16, wherein the medical device is a MEMS device.